

**CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land**

**Soil Erosion**

**Sheet and Rill Erosion**

**Planning Criteria**

Permanent ground cover greater than 90% and slope less than 10%;  
OR, The water erosion rate is less than or equal to T.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

Plant cover controls active erosion (shallow less than 1 foot deep rills  
and gullies) and runoff from normal rain events; AND, No litter dams  
or terraces are present.

**Evaluation Test Met**

Yes ☐ No ☐

**Classic Gully Erosion**

**Planning Criteria**

Classic gullies are not present; Or, Classic gully management is  
adequate to stop the progression of head cutting and widening and  
offsite impacts are minimized by vegetation and/or structures.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

Classic Gullies are not present; Or, All classic gullies are stabilized;  
AND, All areas expected to have high erosion rates are stable.

**Evaluation Test Met**

Yes ☐ No ☐

## **CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land Streambank, Shoreline, Water Conveyance Channels**

### **Planning Criteria**

For shorelines and water conveyance channels; banks are stable or commensurate with normal geomorphological processes; AND, If bank erosion is present, it is beyond the client's control or commensurate with normal geomorphological processes; AND, For streambanks, SVAP2 bank condition element score greater than 5. If shorelines or water conveyance channels are not present, set this planning criteria to NA.

### **Planning Criteria Met**

Yes ☐ No ☐

### **Evaluation Tests**

Excluding all fundamentally unstable, natural geomorphic streambanks and shorelines, all streambanks and shorelines on the land use show few signs of erosion or bank failure; AND, Each is stable and protected with natural materials. If shorelines and water conveyance channels do not exist on the land management system, set this test statement to NA.

### **Evaluation Test Met**

Yes ☐ No ☐

## CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land

### Excess Water

#### Seeps

##### **Planning Criteria**

Seeps are managed to prevent significant impacts to conservation measures and/or sensitive habitat. If seeps do not exist, set this planning criteria to NA.

##### **Planning Criteria Met**

Yes ☐ No ☐

##### **Evaluation Tests**

Excess water seepage is controlled to the point that it does not restrict land use or management goals. If seeps do not exist on the land management system, set this test statement to NA.

##### **Evaluation Test Met**

Yes ☐ No ☐

#### Runoff and Flooding and Ponding

##### **Planning Criteria**

Runoff, flooding, and ponding is managed to minimize the impact on conservation measures and/or sensitive habitat.

##### **Planning Criteria Met**

Yes ☐ No ☐

##### **Evaluation Tests**

Runoff, flooding, and ponding is managed to minimize the impact on conservation measures and/or sensitive habitat.

##### **Evaluation Test Met**

Yes ☐ No ☐

**CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land**

## **Water Quality Degradation**

### **Pesticides in Surface Water**

#### **Planning Criteria**

#### **Planning Criteria Met**

Pesticides are stored, handled, disposed and applied to prevent runoff, spills, leaks and leaching; AND, Conservation practices and techniques are in place to minimize ground water impacts.

Yes ☐ No ☐

#### **Evaluation Tests**

#### **Evaluation Test Met**

Pesticides are not applied or stored on this land management system; Or, Pesticides are applied using a site-specific mixture of prevention, avoidance, monitoring, and suppression (PAMS) strategies. Environmental risk screening tool are used (such as WIN-PST or similar LGU approved tool); AND, application rates and timing are compliant with the label.

Yes ☐ No ☐

### **Pesticides in Ground water**

#### **Planning Criteria**

#### **Planning Criteria Met**

Pesticides are stored, handled, disposed and applied to prevent runoff, spills, leaks and leaching; AND, Conservation practices and techniques are in place to minimize ground water impacts.

Yes ☐ No ☐

#### **Evaluation Tests**

#### **Evaluation Test Met**

Pesticides are not applied or stored on this land management system; OR, Pesticides are applied using a site-specific mixture of prevention, avoidance, monitoring, and suppression (PAMS) strategies; AND, Environmental risk screening tool are used (such as WIN-PST or similar LGU approved tool); AND, Application rates and timing are compliant with the label.

Yes ☐ No ☐

## **CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land**

### **Nutrients in Surface water**

#### **Planning Criteria**

#### **Planning Criteria Met**

Nutrient and amendment applications are based on soil or tissue tests and nutrient budgets for realistic yields; AND, conservation practices and managements are in place to minimize ground water impacts.

Yes ☐ No ☐

#### **Evaluation Tests**

#### **Evaluation Test Met**

Livestock access to streams is limited to short periods of time and small areas.

Yes ☐ No ☐

The land adjacent to a stream, river, or other waterbody on the side or sides you control: - has diverse, natural plant cover typical to that along other streams within the drainage basin; - extend from the stream bank/shoreline for a distance of 35 feet; OR, (if applicable) The minimum State buffer-width requirement, whichever is greater; AND, Have few places where concentrated runoff flows through.

Yes ☐ No ☐

Filter strips that are at least 30 feet wide are established and maintained on all areas in the land management system where filter strips are applicable.

Yes ☐ No ☐

### **Excess Pathogens and Chemicals from Manure, bio-solids or Compost Applications in Surface Water**

#### **Planning Criteria**

#### **Planning Criteria Met**

Potential sources of pathogens or pharmaceuticals are not applied on the land; OR, Organic materials are applied, stored, and/or handled to mitigate negative impacts to surface water sources.

Yes ☐ No ☐

#### **Evaluation Tests**

#### **Evaluation Test Met**

Filter strips that are at least 30 feet wide are established and maintained on all areas in the land management system where filter strips are applicable.

Yes ☐ No ☐

Livestock access to stream is controlled; OR, Livestock are limited to small watering or crossing areas.

Yes ☐ No ☐

## **CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land**

### **Excessive Sediment in Surface Water**

#### **Planning Criteria**

#### **Planning Criteria Met**

There are no untreated sources of erosion and streams or shoreline are not on or adjacent to site; OR, Upslope treatment and buffer practices address concentrated flows to water bodies; AND, Heavy use areas are stable; AND, The SVAP2 - bank condition is greater than or equal to 5.

Yes ☐ No ☐

#### **Evaluation Tests**

#### **Evaluation Test Met**

Drainage and erosion control measures are implemented on roads, trails and landings to minimize detrimental effects of concentrated flow, erosion and sedimentation; AND, Stream crossings are restored and stabilized.

Yes ☐ No ☐

The land adjacent to a stream, river, or other waterbody on the side or sides you control does: - have diverse, natural plant cover typical to that along streams in your area, - extend from the stream bank/shoreline for a distance of 35 feet or (if applicable) the minimum State buffer-width requirement, whichever is greater; AND, Have few places where concentrated runoff flows through.

Yes ☐ No ☐

Established filter strips are at least 20 feet wide and maintained when filter strips are applicable. If filter strips are not applicable on this land management system, set the test statement to NA.

Yes ☐ No ☐

All temporary or permanent rills and gullies are stabilized; OR, Temporary or permanent rills and gullies do not exist.

Yes ☐ No ☐

**CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land**  
**Elevated Water Temperature**

**Planning Criteria**

Water courses on or adjacent to the site are not designated by a State Agency as a temperature impairment; OR, The SVAP2 - riparian area quality element score is greater than or equal to 5; AND, The SVAP2 - riparian area quantity element score is greater than or equal to 5; AND, The SVAP2 - canopy cover element score is greater than or equal to 6; OR, Existing conservation practices are in place to address water temperature. If water courses are not present, set this planning criteria to NA.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

More than 50% of the water surface is shaded on the length of the stream/river for this land management system. If waterbodies are not present on this land management system, set the test statement to NA.

**Evaluation Test Met**

Yes ☐ No ☐

## CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land

### Air Quality Impacts

#### Emissions of Ozone Precursors

##### **Planning Criteria**

##### **Planning Criteria Met**

Operations that produce ozone precursor emissions are not present; OR, or are managed to reduce emissions. Ozone precursor producing activities may include: Engines (combustion source), Pesticide application, Burning, CAFO /manure management, or fertilization (manure/commercial).

Yes ☐ No ☐

##### **Evaluation Tests**

##### **Evaluation Test Met**

If prescribed burning is used a prescribed burning plan is followed that includes all applicable smoke management practices.

Yes ☐ No ☐

#### Objectionable Odors

##### **Planning Criteria**

##### **Planning Criteria Met**

Activities such as pesticide or manure application are managed to reduce objectionable odors; AND, Odor sources are not regulated in this planning area; AND, Documented episodes or complaints of odor nuisance have not occurred.

Yes ☐ No ☐

##### **Evaluation Tests**

##### **Evaluation Test Met**

Manure is not applied on this land management system; OR, manure is immediately incorporated; OR, manure is only applied when wind direction is away from human occupied areas.

Yes ☐ No ☐



## CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land

### Degraded Plant Condition

#### Undesirable Plant Productivity and Health

##### Planning Criteria

Plants are adapted to the site, meet production goals, and do not negatively impact other resources; AND, Plant damage from wind erosion is below crop damage tolerance levels.

##### Planning Criteria Met

Yes ☐ No ☐

##### Evaluation Tests

Plant yield, vigor, and quality are as expected.

##### Evaluation Test Met

Yes ☐ No ☐

#### Inadequate Structure and Composition

##### Planning Criteria

Plant communities contain adequate diversity, composition and structure to support desired ecological functions for the ecological site.

##### Planning Criteria Met

Yes ☐ No ☐

##### Evaluation Tests

The current plants provide the desired habitat structure and composition. State identified invasive plants and noxious weeds are controlled.

##### Evaluation Test Met

Yes ☐ No ☐

#### Excessive Plant Pest Pressure

##### Planning Criteria

Plant pest damage to plants is below economic or environmental thresholds; AND, plant pests, including noxious and invasive species are managed.

##### Planning Criteria Met

Yes ☐ No ☐

##### Evaluation Tests

Invasive and noxious weeds are controlled or are not present.

##### Evaluation Test Met

Yes ☐ No ☐

**CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land**

**Fish and Wildlife - Inadequate Habitat**

**Inadequate Habitat - Food**

**Planning Criteria**

The WHSI rating is greater than or equal to 0.5; AND, (when surface stream present) The SVAP2 - fish habitat complexity element score is greater than or equal to 7; AND, The SVAP2 - aquatic invertebrate habitat element score is greater than or equal to 7; OR, Conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds; OR, Food is available in quality and extent to support habitat requirements for the species of interest.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

Designated areas are planted as food and habitat for pollinators/beneficial insects; AND, Protected from disruption. For example, planted to nectar and pollen producing plants and protected from disruption - chemical, biological, or mechanical.

**Evaluation Test Met**

Yes ☐ No ☐

Plants growing are expected, desired, and suited to the site. Existing forbs and woody species meet state specified amounts.

Yes ☐ No ☐

## **CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land**

### **Inadequate Habitat - Cover/Shelter**

#### **Planning Criteria**

#### **Planning Criteria Met**

The WHSI rating is greater than or equal to 0.5; AND, (when surface stream present) the SVAP2 - barriers to movement element score is greater than or equal to 7; AND, the SVAP2 - fish habitat complexity element score is greater than or equal to 7; AND, the SVAP2 - aquatic invertebrate habitat element score is greater than or equal to 7; OR conservation practices and management practices are in place that meet or exceed species or guild-specific habitat model thresholds; OR, habitat cover is of available quality and extent to support requirements for the species of interest.

Yes ☐ No ☐

#### **Evaluation Tests**

#### **Evaluation Test Met**

Plant growth and cover is managed to develop and maintain habitat to help chosen wildlife species. (see State Wildlife Action Plan)

Yes ☐ No ☐

The stream(s) have: - a natural, unaltered configuration, with minimal channel straightening, dredging, or bank alteration by armoring with rip-rap or other non-natural materials, - stable banks with limited erosion or bank failure; AND, human uses and/or grazing levels that do not negatively impact bank condition. If streams are not present on the land management system, set the test statement to NA.

Yes ☐ No ☐

The pond/lake, which supports a natural or planted fish population, is managed: -to exclude livestock, -to control nuisance species and undesirable aquatic vegetation controlled, -to complies with state and local regulations when stocking the pond, AND -use of a buffer zone of diverse, natural plant cover at least 35 feet wide.

Yes ☐ No ☐

Designated areas are planted as food and habitat for pollinators/beneficial insects. For example, planted to nectar and pollen producing plants and protected from disruption--chemical, biological, or mechanical.

Yes ☐ No ☐

## **CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land**

### **Inadequate Habitat - Habitat Continuity (Space)**

#### **Planning Criteria**

#### **Planning Criteria Met**

The WHSI rating is greater than or equal to 0.5; AND, (when surface stream present) The SVAP2 - barriers to movement element score is greater than or equal to 7; AND, The SVAP2 - aquatic invertebrate habitat element score is greater than or equal to 7; OR, Conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds; OR, The connectivity of habitat components are adequate to support stable populations of target species.

Yes ☐ No ☐

#### **Evaluation Tests**

#### **Evaluation Test Met**

Designated areas are planted as habitat for pollinators and beneficial insects. Non-cropped area protected from disruption during nesting and foraging periods--chemical, biological, or mechanical.

Yes ☐ No ☐

Connectivity between food resources and cover and shelter is provided for the target wildlife species. (see State Wildlife Action Plan)

Yes ☐ No ☐

The land adjacent to a stream, river, or other waterbody on the side or sides you control does: - have diverse, natural plant cover typical to that along streams in your area; AND, Extend from the stream bank or shoreline for a distance of 35 feet; OR, (if applicable) The minimum State buffer-width requirement, whichever is greater.

Yes ☐ No ☐

In-stream structures (i.e. dam, diversion structure, bridge, culvert, low-water stream crossing, etc.) allow for the upstream and downstream movement of fish and other aquatic animals throughout most of the year.

Yes ☐ No ☐

## CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land

### Livestock Production Limitation

#### Inadequate Feed and forage

##### Planning Criteria

##### Planning Criteria Met

Livestock forage, roughage, and supplemental nutritional requirements are met.

Yes ☐ No ☐

##### Evaluation Tests

##### Evaluation Test Met

The existing forage quantity and quality are expected to meet the livestock needs and goals.

Yes ☐ No ☐

#### Inadequate Shelter

##### Planning Criteria

##### Planning Criteria Met

Artificial or natural shelters meet animal health needs.

Yes ☐ No ☐

##### Evaluation Tests

##### Evaluation Test Met

Adequate shelter is provided to meet the needs of the livestock throughout the period the land management system (LMS) is utilized by livestock. If livestock do not use this LMS, set the test statement to NA.

Yes ☐ No ☐

#### Inadequate Water

##### Planning Criteria

##### Planning Criteria Met

Water of acceptable quality and quantity is adequately distributed to meet animal needs.

Yes ☐ No ☐

##### Evaluation Tests

##### Evaluation Test Met

The livestock have enough drinking water of good quality. If livestock do not use this land management system, set the test statement to NA.

Yes ☐ No ☐

**CSP-2018-1 TN - Statewide NIPF Land Evaluation Set Associated Ag Land**

**Inefficient Energy Use**

**Equipment and Facilities**

**Planning Criteria**

**Planning Criteria Met**

If equipment, motors, pumps, etc. are used or located on Associated Agricultural Land (AAL), are they commercially available improved efficiency models or have they received manufacturer approved upgrades.

Yes ☐ No ☐

**Evaluation Tests**

**Evaluation Test Met**

Energy conserving implements are used for all or some field operations.

Yes ☐ No ☐

Pumps, motors, wells, etc. located on the land management system are improved efficiency models.

Yes ☐ No ☐

**Farming/Ranching Practices and Field Operations**

**Planning Criteria**

**Planning Criteria Met**

Equipment or implements used on Associated Agricultural Land (AAL) for agricultural uses are improved efficiency models.

Yes ☐ No ☐

**Evaluation Tests**

**Evaluation Test Met**

Pumps, motors, wells, etc. located on the land management system are improved efficiency models

Yes ☐ No ☐